

Abstract

An angular velocity measuring apparatus for detecting an angular velocity of a rotation about a rotation axis including a vibration element, a semiconductor integrated circuit chip for processing signals supplied to and from the vibration element and a circuit board on which the semiconductor integrated circuit chip is mounted, and the vibration element is mounted on the semiconductor integrated circuit chip by means of a supporting member including a metal support rod and an adhesive layer. The vibration element and semiconductor integrated circuit chip are arranged to be overlapped with each other viewed in a direction of the rotation axis and are arranged substantially in parallel with each other in planes which are substantially perpendicular to the rotation axis.